

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|----------|--|--------------------------|------------------|---------|------------------|
| L1 | 27 | (US-20050071166-\$ or US-20040107103-\$ or US-20030018475-\$ or US-20020120643-\$ or US-20050078178-\$).did. or (US-7046300-\$ or US-6964023-\$ or US-6816836-\$ or US-6754373-\$ or US-6633844-\$ or US-6594629-\$ or US-6366885-\$ or US-6219640-\$ or US-6748361-\$ or US-4592057-\$ or US-6554765-\$ or US-6185529-\$ or US-6091872-\$ or US-5806036-\$ or US-5586215-\$ or US-5473726-\$ or US-5163111-\$ or US-4975960-\$ or US-4769845-\$ or US-4757541-\$ or US-4423436-\$).did. or (DE-4317372-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| L2 | 8 | L1 and (cmos or (Complementary metal near2 oxide near2 semiconductor) or ccd or (charge\$1 near2 couple\$1 near2 device)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| L3 | 5 | L1 and (cmos or (Complementary near2 metal near2 oxide near2 semiconductor) or ccd or (charge\$1 near2 couple\$1 near2 device)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| L4 | 1468 | (video same (color and (black near3 white))) and (CCD or CMOS) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| L5 | 18740234 | (@ad<"20030929" or @prad<"20030929" or @rlad<"20030929") | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| L6 | 1468 | (video same (color and (black near3 white))) and (CCD or CMOS) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| L7 | 18740234 | (@ad<"20030929" or @prad<"20030929" or @rlad<"20030929") | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| L8 | 1363 | L6 and L7 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| L9 | 1363 | L6 and L7 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:44 |

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|-----|-------|--|--|----|----|------------------|
| L10 | 21009 | "704".clas. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:44 |
| L11 | 74 | L9 and L10 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:44 |
| L12 | 3940 | (headset or boom or (head near2 mount\$2)) near5 (video or "video camera") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:45 |
| L13 | 3940 | (headset or boom or (head near2 mount\$2)) near5 (video or "video camera") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:46 |
| L14 | 2508 | L13 and @ad<"20030929" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:46 |
| L15 | 70 | (video near2 camera) same (mouth or lip) same (front\$2 or center or centre) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:46 |
| L16 | 58 | L15 and @ad<"20030929" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:46 |
| L17 | 206 | (center or centre) near4 line near3 mouth | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:47 |
| L18 | 35 | (narrowband and broadband) near3 (led or emitt\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:47 |
| L19 | 26 | (narrowband near3 (led or emitt\$3)) same (IR or infrared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:48 |

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|-----|--------|---|--|----|----|------------------|
| L20 | 21 | L19 and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:48 |
| L21 | 21009 | "704".clas. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:48 |
| L22 | 633 | (illumination near3 source) same broadband | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:48 |
| L23 | 1 | L22 and L21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:48 |
| L24 | 130248 | (illuminat\$4 or led or emit\$4) near5 (adjust\$4 or intensity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:49 |
| L25 | 64 | L24 and L21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:49 |
| L26 | 122 | (optical near2 filter) same (infrared near4 wavelength) same camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:49 |

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| L27 | 1 | L26 and L21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:49 |
| L28 | 170808 | de\$1energ\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:50 |
| L29 | 3 | L28 same (camera near\$3 (retrac\$3 or blank\$3)) same (light\$3 or illuminat\$4 or source) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:50 |
| S1 | 2 | ("20050071166").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/02 10:49 |
| S2 | 0 | ("("4423436" "4757541" "4769845" "4975960" "5163111" "5286205" "5473726" "5586215" "5806036" "6091872" "6185529" "6185529" "6554765" "6554765").PN. ").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/02 10:49 |
| S3 | 27 | ("4423436" "4757541" "4769845" "4975960" "5163111" "5286205" "5473726" "5586215" "5806036" "6091872" "6185529" "6185529" "6554765" "6554765").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 16:49 |
| S4 | 39 | ((LIAM) near2 (COMERFORD)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/02 10:50 |
| S5 | 29 | ((JONATHAN) near2 (CONNELL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/02 10:50 |

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|-----|----------|--|--|----|-----|------------------|
| S6 | 29 | ((CHALAPATHY) near2 (NETI)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/02 10:50 |
| S7 | 8 | ((THOMAS) near2 (PICUNKO)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/02 15:35 |
| S8 | 2 | ("6405170").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/02 15:35 |
| S9 | 27 | (US-20050071166-\$ or US-20040107103-\$ or US-20030018475-\$ or US-20020120643-\$ or US-20050078178-\$).did. or (US-7046300-\$ or US-6964023-\$ or US-6816836-\$ or US-6754373-\$ or US-6633844-\$ or US-6594629-\$ or US-6366885-\$ or US-6219640-\$ or US-6748361-\$ or US-4592057-\$ or US-6554765-\$ or US-6185529-\$ or US-6091872-\$ or US-5806036-\$ or US-5586215-\$ or US-5473726-\$ or US-5163111-\$ or US-4975960-\$ or US-4769845-\$ or US-4757541-\$ or US-4423436-\$).did. or (DE-4317372-\$).did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/02 16:49 |
| S10 | 8 | S9 and (cmos or (Complementary metal near2 oxide near2 semiconductor) or ccd or (charge\$1 near2 couple\$1 near2 device)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| S11 | 5 | S9 and (cmos or (Complementary near2 metal near2 oxide near2 semiconductor) or ccd or (charge\$1 near2 couple\$1 near2 device)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| S12 | 1404 | (video same (color and (black near3 white))) and (CCD or CMOS) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| S13 | 18661942 | (@ad<"20030929" or @prad<"20030929" or @rlad<"20030929") | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |
| S14 | 1327 | S12 and S13 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:43 |

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|-----|-------|--|--|----|-----|------------------|
| S15 | 18066 | "704".clas. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/02 17:08 |
| S16 | 11 | S14 and S15 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:44 |
| S17 | 194 | (video same (color and (black near3 white))) and (CCD and CMOS) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/02 17:24 |
| S18 | 161 | S13 and S17 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/02 17:24 |
| S19 | 0 | S18 and S15 | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/02 17:24 |
| S20 | 2 | ("h001497").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/02 18:31 |
| S21 | 2 | ("4769845").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/02 18:51 |
| S22 | 2 | ("4961177").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/02 19:02 |
| S23 | 2 | ("H001496").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/02 19:05 |
| S24 | 3735 | (headset or boom or (head near2 mount\$2)) near5 (video or "video camera") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:45 |

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|-----|------|--|--|----|-----|------------------|
| S25 | 13 | S24 and S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 19:12 |
| S26 | 2993 | S24 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/02 19:13 |
| S27 | 2468 | S24 and @ad<"20030929" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:46 |
| S28 | 69 | (video near2 camera) same (mouth or lip) same (front\$2 or center or centre) | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/03 10:21 |
| S29 | 58 | S28 and @ad<"20030929" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/09/28 10:46 |
| S30 | 54 | (fiber near3 optic) same ((light near2 emitting near2 diode) or LED or infrared) same filter same video | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/03 11:40 |
| S31 | 47 | S30 and @ad<"20030929" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/07 12:35 |
| S32 | 2 | ("4975960").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/03 14:22 |
| S33 | 3 | ("3192321").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/03 16:16 |

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|-----|-----|--|--|----|-----|------------------|
| S34 | 2 | ("20020061134").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/03 16:37 |
| S35 | 2 | ("20020120643").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/03 16:41 |
| S36 | 2 | ("6594629").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/03 16:48 |
| S37 | 1 | (front\$2 near8 ((center or centre) near3 line near3 mouth) near8 (imag\$3 or detect\$3 or captur\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/03 17:20 |
| S38 | 203 | (center or centre) near4 line near3 mouth | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:47 |
| S39 | 202 | (center or centre or front\$2) near4 mouth near8 (imag\$3 or detect\$3 or captur\$3 or track\$3 or recogniz\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/03 17:26 |
| S40 | 134 | S39 and @ad<"20030929" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/03 17:27 |

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|-----|-------|---|--|----|----|------------------|
| S41 | 5 | (boom or headset) near3 (camera or video) near4 (side or degree or front\$2) near4 (face or head or mouth or lip) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/07 14:47 |
| S42 | 10483 | side near2 mouth | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/07 16:14 |
| S43 | 30 | (narrowband and broadband) near3 (led or emitt\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:47 |
| S44 | 4 | ((narrowband and broadband) near3 (led or emitt\$3)) same (IR or infrared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/07 16:48 |
| S45 | 25 | (narrowband near3 (led or emitt\$3)) same (IR or infrared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/07 17:12 |
| S46 | 1 | S45 and speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/07 17:12 |
| S47 | 20 | S45 and filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:48 |

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|-----|-------|-------------------------------------|--|----|----|------------------|
| S48 | 12188 | microphone near4 amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/07 17:56 |
| S49 | 18108 | "704".clas. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/07 17:56 |
| S50 | 469 | S48 and S49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/07 17:56 |
| S51 | 7 | S50 and boom | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/07 17:57 |
| S52 | 18 | microphone with boom with amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 13:43 |
| S53 | 4091 | microphone with tube | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 13:43 |
| S54 | 18122 | "704".clas. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/08 13:44 |
| S55 | 27 | S53 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 17:17 |

EAST Search History

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|-----|--------|--|--|----|-----|------------------|
| S56 | 2 | ("20030198357").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/08 16:11 |
| S57 | 124654 | (illuminat\$4 or led or emit\$4) near5 (adjust\$4 or intensity) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 17:21 |
| S58 | 54 | S57 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:49 |
| S59 | 2 | ("5996895").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/08 17:29 |
| S60 | 1 | light near3 output near3 (distribut\$3 or scatter\$3 or spread\$3) near7 (reduc\$3 or limit\$3 or control\$4 or lessen\$3 or shorten\$3 or cut\$4 or attenuat\$3 or lower\$3) near5 (expos\$3 or irradiat\$3 or radiat\$3) near7 eye | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 17:52 |
| S61 | 223 | light same output same (distribut\$3 or scatter\$3 or spread\$3) same (reduc\$3 or limit\$3 or control\$4 or lessen\$3 or shorten\$3 or cut\$4 or attenuat\$3 or lower\$3) same (expos\$3 or irradiat\$3 or radiat\$3) same eye | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 17:53 |
| S62 | 2 | S61 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 17:53 |

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|-----|------|--|--|----|----|------------------|
| S63 | 0 | (speaker same computer) and "5794163".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 18:04 |
| S64 | 0 | (speaker same pda) and "5794163".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 18:04 |
| S65 | 2054 | speaker with communication with computer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 18:17 |
| S66 | 95 | S65 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 18:23 |
| S67 | 9 | S65 and S54 and headset | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 18:51 |
| S68 | 8 | ((optical near2 filter) near5 limit\$3 near3 light) same (infrared near4 wavelength) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 19:04 |
| S69 | 1 | ((optical near2 filter) near5 limit\$3) same (infrared near4 wavelength) same camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 19:05 |

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| S70 | 113 | (optical near2 filter) same (infrared near4 wavelength) same camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 19:12 |
| S71 | 1 | S69 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 19:06 |
| S72 | 1 | S70 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:49 |
| S73 | 564 | (illumination near3 source) same broadband | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 19:13 |
| S74 | 1 | S73 and S54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:48 |
| S75 | 229 | S73 and led | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/08 19:13 |
| S76 | 46 | S75 and narrowband | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:34 |

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|-----|-------|--|--|----|----|------------------|
| S77 | 3064 | (broadband or "broad bandwidth" or white or polychromatic) with (illumination or light) near2 source with (multiple or various or more) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:37 |
| S78 | 18122 | "704".clas. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/09 15:37 |
| S79 | 0 | S77 and S78 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:37 |
| S80 | 1483 | S77 and led | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 10:55 |
| S81 | 4720 | (broadband or "broad bandwidth" or white or polychromatic) with (illumination or light) near2 source with (multiple or various or more or plurality) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 16:16 |
| S82 | 4718 | (broadband or "broad bandwidth" or white or polychromatic) with (illumination or light) near2 source with (multiple or more or plurality) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:38 |
| S83 | 1 | S81 and S78 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:38 |

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|-----|------|---|--|----|-----|------------------|
| S84 | 2177 | S81 and led | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:38 |
| S85 | 35 | S84 and speech | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:38 |
| S86 | 240 | (video near2 camera) near8 filter near8 infrared | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 10:37 |
| S87 | 3 | S86 and S78 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 16:03 |
| S88 | 4 | S82 and S86 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 16:16 |
| S89 | 3 | ("3192321").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/10 10:12 |
| S90 | 0 | ("EP843185").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/10 10:56 |

EAST Search History

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| S91 | 0 | "EP843185" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 11:15 |
| S92 | 1480 | (retrace or blank\$3) near5 camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 13:20 |
| S93 | 102 | S92 same energ\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 11:17 |
| S94 | 68 | S93 same (light\$3 or illuminat\$4 or source) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 11:18 |
| S95 | 169915 | de\$1energ\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 13:22 |
| S96 | 3 | S95 same (camera near5 (retrac\$3 or blank\$3)) same (light\$3 or illuminat\$4 or source) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/28 10:50 |
| S97 | 22 | (intermitten\$3 or interv\$3 or intermit or period\$4 or puls\$3 or flash\$3) near6 (synchroniz\$5 or synchronis\$5) near6 (emit\$4 or source or light\$3 or illuminat\$4 or led) same (retrac\$3 or blank\$3) near5 camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 15:20 |

EAST Search History

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| S98 | 8 | (intermittent\$3 or interval\$3 or intermittent or period\$4 or pulse\$3 or flash\$3) near6 (off) near6 (emit\$4 or source or light\$3 or illuminate\$4 or led) same (retract\$3 or blank\$3) near5 camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 15:31 |
| S99 | 3 | (intermittent\$3 or interval\$3 or intermittent or period\$4 or pulse\$3 or flash\$3) near6 (off) near6 (emit\$4 or source or light\$3 or illuminate\$4 or led) near10 (retract\$3 or blank\$3) near5 camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 15:34 |
| S10 0 | 560 | (intermittent\$3 or interval\$3 or intermittent or period\$4 or pulse\$3 or flash\$3) same (off) same (emit\$4 or source or light\$3 or illuminate\$4 or led) same (retract\$3 or blank\$3) same camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 15:37 |
| S10 1 | 436 | (intermittent\$3 or interval\$3 or intermittent or period\$4 or pulse\$3 or flash\$3) same (off) same (emit\$4 or source or light\$3 or illuminate\$4 or led) same (retrace or blank\$3) same camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 16:49 |
| S10 2 | 246 | S101 and video | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 17:35 |
| S10 3 | 5200 | (pulse near3 generate\$3) same (period or periodically) same output same width same (control\$4 or manage\$3 or regulate\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 18:01 |
| S10 4 | 4045 | S103 and (light\$3 or illuminate\$4 or source) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 17:54 |

EAST Search History

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| S10 5 | 1741 | S103 same (light\$3 or illuminat\$4 or source) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 17:54 |
| S10 6 | 512 | S105 same energ\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 17:55 |
| S10 7 | 67 | S106 same (independent\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 17:55 |
| S10 8 | 37 | (pulse near3 generat\$3) near8 (period near3 output) near8 (pulse near3 width) near8 (control\$4 or manag\$3 or regulat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 18:24 |
| S10 9 | 2 | (pulse near3 generat\$3) near12 (period near3 output) near12 (pulse near3 width) near12 (control\$4 or manag\$3 or regulat\$3) near12 independent\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 18:28 |
| S11 0 | 1 | (pulse near3 generat\$3) near12 (period near3 output) near12 (pulse near3 width) near12 (adjust\$4) near12 independent\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 18:28 |
| S11 1 | 8 | (pulse near3 generat\$3) near12 (period near3 output) near12 (pulse near3 width) near12 (adjust\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/10 18:39 |

EAST Search History

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| S11 2 | 2 | ("20050075873").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/10 18:41 |
| S11 3 | 2 | ("20050075878").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/11 09:28 |
| S11 4 | 2 | ("6803947").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/11 11:11 |
| S11 5 | 263861 | (multiple or plurality or various or variety) near4 (light or illumination or led or flash or strobe or beam) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 12:41 |
| S11 6 | 34060 | (multiple or plurality or various or variety) near4 (led or (light near2 emitt\$3 near2 diode)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 13:12 |
| S11 7 | 18152 | "704".clas. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/05/11 12:42 |
| S11 8 | 42 | S116 and S117 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 12:44 |

EAST Search History

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|----------|------|---|--|----|----|------------------|
| S11 9 | 1318 | S116 same (camera or photo\$1detector) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 12:45 |
| S12 0 | 27 | S119 and (broad near2 band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 12:51 |
| S12 1 | 107 | S119 and (broad near2 band or (narrow near2 band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 12:52 |
| S12 2 | 95 | S119 and (narrow near2 band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 12:52 |
| S12 3 | 15 | S120 and S122 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 12:53 |
| S12 4 | 2 | S123 and (filter near5 (infra\$1red or IR)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 12:54 |
| S12 5 | 53 | (multiple or plurality or various or variety) near4 (led or (light near2 emitt\$3 near2 diode)) near7 ((broad near2 band) or (narrow near2 band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 15:51 |

EAST Search History

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| S12 6 | 18927 | computer near8 (telephon\$2 or phone) near8 internet | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 15:58 |
| S12 7 | 355 | S126 and S117 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 16:50 |
| S12 8 | 4374936 | adjust\$4 naer5 output near3 (light or illumina\$4 or source) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 16:51 |
| S12 9 | 11627 | adjust\$4 near5 output near3 (light or illumina\$4 or source) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 16:52 |
| S13 0 | 1256 | S129 and eye | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 16:53 |
| S13 1 | 112 | S129 same eye | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 17:05 |
| S13 2 | 902 | (prevent\$3 or protect\$3 or reduc\$3 or less\$2 or degrad\$3 or shorten\$3 or inhibit\$3) near5 (exposure or expos\$3 or hazard) near4 eye | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 17:11 |

EAST Search History

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| S13 3 | 1 | S132 and S117 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 17:12 |
| S13 4 | 439 | S132 same (light\$3 or source or beam or illumina\$4 or flash\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 17:36 |
| S13 5 | 54 | S134 same control\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 17:30 |
| S13 6 | 36 | S132 same (led) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 17:39 |
| S13 7 | 15 | S136 same (adjust\$4 or control\$4 or manipulats\$3 or shap\$3 or manag\$3 or regulats\$3 or limit\$3 or tun\$3 or adapt\$3 or modulats\$3 or orient\$3 or calibrats\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 17:45 |
| S13 8 | 170 | S134 same (adjust\$4 or control\$4 or manipulats\$3 or shap\$3 or manag\$3 or regulats\$3 or limit\$3 or tun\$3 or adapt\$3 or modulats\$3 or orient\$3 or calibrats\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 17:45 |
| S13 9 | 156 | S138 not S137 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 18:13 |

EAST Search History

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|----------|----|--|--|----|----|------------------|
| S14 0 | 66 | ((radio near2 frequency) or RF) near3 (transmitter or receiver or transceiver or rx or tx) near8 computer same (video or image) same (microphone or audio) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 18:32 |
| S14 1 | 33 | S140 and camera | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/11 18:32 |